

**REMARKS**

Claims 1-5, 8-16, 19-23 and 25-31 are pending in the present application. Claim 24 was canceled herein.

Claims 1, 12, 23, 25 and 27 and 31 were amended herein. Claims 1, 12 and 23 were amended to incorporate the limitations of claim 24. Claim 25 was amended to rewrite the claim in independent form. Claim 25, like claim 24, recites inverting the conditional carry signal within a second adder cell. However, claim 25 recites inverting the conditional carry before that signal is received by the passgate(s) in the second adder cell, while claim 24 recites inverting the conditional carry signal output by the passgate(s). Claims 27 and 31 were amended to correct typographical errors, without altering the scope of those claims.

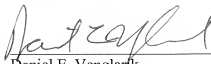
Allowance of the claims is respectfully requested.

If any issues arise, or if the Examiner has any suggestions for expediting allowance of this Application, the Applicant respectfully invites the Examiner to contact the undersigned at the telephone number indicated below or at [dvenglarik@munckcarter.com](mailto:dvenglarik@munckcarter.com).

The Commissioner is hereby authorized to charge any additional fees connected with this communication (including any extension of time fees) or credit any overpayment to Deposit Account No. 50-0208.

Respectfully submitted,

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